THE

Veterinary Record

FOUNDED BY WILLIAM HUNTING, F.R.C.V.S.

A Weekly Journal for the Profession

VOLUME 50

JANUARY TO JUNE

1938

Printed and Published by H. R. Grubb, Ltd., Croydon, for the

NATIONAL VETERINARY MEDICAL ASSOCIATION
OF GREAT BRITAIN & IRELAND

36 Gordon Square, London, W.C.1

SF 601
V58
v. 50
pt.1

CONCORDANCE OF PAGES WITH ISSUES

[This concordance enables the reader to determine at a glance the date and serial number of the issue of the "Veterinary Record" which contains the required page reference.]

Pages.	*Date of Issue.*	*No.*	*Pages.*	*Date of Issue.*	*No.*
1- 24	January 1st	1	403-430	April 2nd	14
25- 44	„ 8th	2	431-456	„ 9th	15
45- 76	„ 15th	3	457-480	„ 16th	16
77-108	„ 22nd	4	481-502	„ 23rd	17
109-136	„ 29th	5	503-528	„ 30th	18
137-166	February 5th	6	529-560	May 7th	19
167-212	„ 12th	7	561-590	„ 14th	20
213-248	„ 19th	8	591-632	„ 21st	21
249-282	„ 26th	9	633-662	„ 28th	22
283-314	March 5th	10	663-698	June 4th	23
315-348	„ 12th	11	699-744	„ 11th	24
349-376	„ 19th	12	745-774	„ 18th	25
377-402	„ 26th	13	775-800	„ 25th	26

STATE LIBRARY
VICTORIA

THE VETERINARY RECORD

Index to Subjects: January to June, 1938

PAGE

Abattoir centres 139
Abortion, Bovine contagious [Edit.] ... 732
—— —— ——, Experiments with a new type of dead vaccine, W. R. Kerr 717
—— —— ——, Relation between plasma proteins and agglutination titre, R. H. Common and W. R. Kerr 727
——, contagious, Eradication of in Norway 296
—— —— in cattle, Tuberculosis an occasional cause of (Canham, A. S.) [Abs.] 126
—— ——, The control of, A. D. McEwen 699
—— ——, The cost of controlling, in a large self-contained herd, A. D. McEwen 712
——, Enzoötic virus in the mare (Sedlmeier) [Abs.] 733
Abortus, Brucella, A new strain of, The isolation of in Sao Paulo (Mello) [Abs.] 538
——, An attempt to demonstrate a labile antigen in, F. W. Priestley ... 137
—— —— and ovarian cysts in cows, The possible connection between (Bertrand, G., and Schoenaers) [Abs.] 14
——, Artificial infection of the ground squirrel with (Dimitrijenic-Speth) [Abs.] 538
—— in animals, Sulphanilamide in, R. F. Montgomerie 380
—— ——, in horses (Deem, A. M.) [Abs.] 98
—— —— —— (Duff, H. M.) [Abs.] ... 184
—— —— -infected milk, The subcutaneous inoculation of into different species of animals (Cordier, G., and Menager, J.) [Abs.] 733
—— ——, infection, Blood testing for, W. J. Ironside 166
S. J. Edwards 212
J. F. D. Tutt ... 282, 590
Ll. E. W. Bevan ... 559
—— ——, of bovine origin, Infection of mice with (Scorgie, N. J.) [Abs.] 413
—— ——, of the udder (Stockmayer) [Abs.] 362
—— ——, Rapid milk agglutination test for (Ehrlich) [Abs.] 491
—— ——, United States Bureau of Animal Husbandry Strain 19, Pathogenic and antigenic effects of (Haring, C. M., and Traum, J.) [Abs.] ... 148
Acaprin: Premunition and sterilization, H. A. Binns 661
Accident, An unusual, F. Chambers ... 410
Accredited licensing criticised 347
Acetonaemia in cattle, Contribution to our knowledge of (Koffman, M.) [Abs.] ... 148
Acetone in the muscles of butchers' animals, Research on the presence of (Blanchard, L., and Houdiniere, A.) [Abs.] 570
Actinomycosis, Intravenous use of sodium iodide in (Farquharson, J.) [Abs.] ... 647
Adamantinoma in the lower jaw of a horse (Wahl) [Abs.] 735
Adenoma and carcinoma of the liver in deer (Krause) [Abs.] 612
Adrian Jones statue appeal fund: Second appeal and first list of subscribers ... 695
Afterbirth, retention of, in a dairy cow, An unusual sequel to, W. E. Blackwell ... 121

PAGE

Agricultural rationalism and veterinary science, W. C. Miller 167
A. J. Baxter 281
Wakefield Rainey ... 456
Agriculture Act, 1937, Part IV of the: A detailed reply to the letter received by the N.V.M.A. from the Minister of Agriculture on December 22nd, 1937 ... 45
—— —— (See also, Veterinary Services, public: Centralisation of)
—— ——: Consultation resumed [Edit.] 123
—— ——, Correspondence before the Consultative Committee, N.V.M.A. ... 96
—— ——: Employment of part-time officers: age of retirement ... 341
—— ——: Part-time veterinary officers' fees 341
[Edit.] 334
—— ——, The—Continued efforts at co-operation [Edit.] 61
Agricultural Research Council, The [Edit.] 444
—— —— ——, Constitution and functions of the [Rev.] 437
Air-borne infection (Wells, W. F., and Wells, Mildred W.) [Abs.] 127
Alleged contraventions in Eire of the Veterinary Surgeons' Act of 1931, P. F. Dolan 589
American Animal Hospital Association: Fourth Annual Meeting 690
Amputation of the penis of a bullock, E. W. Ascoli 146
Amyloidosis, Local, in the nasal cavity of the horse (Mosconi and Pires) [Abs.] 413
Anaemias, Experimental 266
Anasarca in a cow, A remarkable case of, A. M. McDonald 328
Anatomical nomenclature, C. W. Ottaway 771
Animal Health, Adviser on: correspondence between the N.V.M.A. and the Colonial Office 141
—— —— research scholarships and studentships 524
—— —— Service, An [Edit.] 363
—— Year Book, Vol. V. [Rev.] 793
Animals kept in Zoological Gardens, The chief causes of death of (Dobberstein) [Abs.] 384
——, What we owe to, Sir F. Hobday ... 742
Antarctic research for Empire Exhibition 207
Anterior luxation of the lens in the dog, and its operative treatment (Westhues, M.) [Abs.] 441
Anthelmintic tests, chiefly with tetrachlorethylene, for the removal of the hook-worm *Gaigeria pachyscelis* from infected sheep, with observations on the effects of this drug on other parasitic nematodes (Ortlepp, R. J., and Mönnig, H. O.) [Abs.] 766
Anthrax, atypical, in animals (Pallaske, G.) [Abs.] 335
—— hyperimmunisation of horses, On the relation between the quantitative changes of each serum-protein and the increase in efficacy of immune serum throughout the course of (Umezu, M., and Hayashi, R.) [Abs.] 37
——, Trypanosomes in the blood of a cow suspected of (Schmid, F.) [Abs.] 570

514232

PAGE

Apology, An 372
ARMY VETERINARY SERVICE:
Gazette announcements 21, 73, 165, 247, 281, 346, 477, 741
Movements of Officers 103, 523
Arrowgrass, Toxicity of for sheep, and remedial treatment (Clawson, A. B., and Moran, E. A.) [Abs.] 272
Arsenic, The recent law case *re* poisoning of sheep with, H. G. Bowes 430
I. Clunies Ross 455
Arsenical poisoning in fowls, Acute, W. K. Townson and R. F. Gordon 403
Attested farms, Pigs and poultry on ... 386
—— herds, Register of 451
Aujeszky's disease (" mad-itch "; " pseudo-rabies "), An examination of pig sera for neutralising antibodies against the virus of, R. E. Glover 377
—— ——, I. A. Galloway 745
—— —— [Edit.] 762
—— —— suspected, F. T. Harvey and J. Reid 268
P. A. McCorry 454
—— —— —— in cattle, F. W. Hart ... 382
—— ——, The size of the virus of, by ultrafiltration analysis (Elford, W. J., and Galloway, I. A.) [Abs.] 384
Australian three-day cattle disease ... 735

Babesia bigemina infection of cattle in India, Treatment of (Idnani, J. A.) [Abs.] 570
Bac. mallei, A simple cultivation method for the isolation of (Toyoshima, T., and Shibuya, Y.) [Abs.] 571
Bact. alkalescens as a cause of septicaemia in calves (Gliesch, R.) [Abs.] 60
Bacteriological chemistry, An introduction to (C. G. Anderson) [Rev.] 296
Biliary fever (Nuttalliosis) of the cat: A case in the Stellenbosch Disfrict (Jackson, C., and Dunning, F. J.) [Abs.] 413
Blackhead, Studies on. II.—Mode of infection (Numi, D.) [Abs.] 362
Blood, Curdled. A simply-prepared fluid for the cultivation of anaerobes (Pullar, E. M.) [Abs.] 414
—— examination of tuberculous cattle (Thijn, J. W.) [Abs.] 537
—— losses during operations 536
—— transfusion in dogs (Bower, C. W.) [Abs.] 791
Bone analyses in the diagnosis of bone disease in animals, The importance of (Marek, J., Wellmann, O., and Urbanyi, L.) [Abs.] 335
—— injury, A remarkable, H. Kirk ... 220
—— lesions seen in sheep carcases (Ubach) [Abs.] 443
Bovine theileriasis in South Africa, with special reference to *Theileria mutans* (de Kock, G., van Heerden, C. J., du Toit, R., and Neitz, W. O.) [Abs.] 764
Bradley, The late Dr. O. Charnock (Tribute from " Dick " graduates in New Zealand), W. Maurice Webster 429
Braxy-like diseases of sheep. I.—The mechanism of entero-toxaemia, with particular reference to *Cl. welchii* Type D, R. S. Roberts 591
Brown, Mr. John: A tribute to the late, " W. N." 626
Brucella (see *Abortus, brucella*).
Brucellosis in man and animals in Staffordshire (Menton, J. [Abs.] ... 442
——, Transmission of to animals and man (Thomsen, A.) [Abs.] 60

PAGE

Cabot, Mr. D. A. E.: Appointment as Chief Veterinary Officer, Ministry of Agriculture and Fisheries 445
Calcium borogluconate, Sloughing following injection of, R. M. MacFarlane ... 282
J. F. D. Tutt 313
Campbell, Donald: New Year message as President to Members, N.V.M.A. ... 1
Canadian Journal of Comparative Medicine 61
Cancer research, experimental, Some recent work in, W. E. Gye 404
—— treatment services: need for a national policy 21
Canker of the foot in the horse: its nature and treatment (Westhues, M.) [Abs.] ... 467
W. A. Smith 528
Carcinoma of the eye in the horse, Three cases of bilateral (Hell) [Abs.] ... 361
Cardiac dilatation, H. Kirk 122
Case reports: small-animal clinic, the University, Zurich (Amman, K.) [Abs.] 468
—— series from general practice, A.
1.—In the horse, R. W. Cassells 349
2.—In cattle, J. W. Morrow ... 351
3.—In the dog, A. F. Ritchie ... 353
Cat anatomy, Atlas of (Horsbrugh and Heath) [Rev.] 470
Certification for export prior to examination: A warning, Fred Bullock 165
Chenopodium, oil of, in equines, The use of mineral oil as a vehicle for, E. F. Peck 505
Chief veterinary officers [Edit.] 679
Chloral narcosis in horses, Experience with (Marcenac) [Abs.] 468
Clinical queries 314, 375
Clydesdale foot maltreatment 16
Cobalt and copper in ruminant nutrition, Hedley R. Marston, E. W. Lines, R. Grenfell Thomas and I. W. McDonald 503
Coccidia, Healthy cattle as carriers of (Marsh, H.) [Abs.] 677
COLLEGES (Veterinary):
Glasgow:—
Annual Ball 453
Liverpool:—
Examination List [B.V.Sc. (Liv.)] ... 401
Royal (London):—
Annual Ball 401
Colonial Office appointment, The (Adviser in Animal Health) 141
F. Ware 212
—— ——, The Association and the [Edit.] 151
—— veterinary organisation, U. F. Richardson 313
Consultation, The results of true [Edit.] 387
Cooperia, the Nematode genus, in cattle and sheep, Notes on, H. A. Baylis ... 283
Contagious necrosis and lameness in camels, The relationship of salt starvation to [A preliminary note], E. F. Peck 409
" Corn-stalk disease," so-called, in horses, Studies on. V.—Feeding experiments (Mizelle, J. D., and Graham, R.) [Abs.] 336
Corynebacterium pseudopyogenes n. sp., Description of, and its comparison with *C. pyogenes* (Ochi, Y., and Zaizen, Y.) [Abs.] 571
Cow tail-cutting case, The—Some reflections, Wm. A. Campbell 480
Cust, Miss Aleen: Memorial Fund 661

Dangerous Drugs Regulations: withdrawal of authorities 310, 374
Dayer-Smith, Brevet-Colonel P. W., Death of 307
Death sentences on Russian veterinarians 275
Deaths of racehorses at Newmarket ... 135

PAGE

Dermatitis, Bovine allergic. A preliminary report (Leasure, E. E., and Frick, E. J.) [Abs.] 292
Dermoid cyst, A. N. Foster 733
Diabetes mellitus in a cat (Bloom, F.) [Abs.] 222
—— —— in dogs (Bloom, F., Flushing, N. Y., and Handelsman, M. D.) [Abs.] 150
Dieting hospitalised dogs (Lacroix, J. V.) [Abs.] 223
Differentiation by tuberculin testing of infection in cattle due to the human, bovine and avian types of tubercle bacilli, R. Stenius 633
Discretion—An overseas commendation ... 211
Diseases of silver foxes, Some, C. V. Watkins 481
Distemper, canine, Relationship of to avitaminosis (Scheunert and Petzold) [Abs.] 790
—— ——, Sodium sulphanilyl sulphanilate and, A. B. MacIntyre and R. F. Montgomerie 480
—— in a fox hound kennels, The use of omnadin and tonophosphan in an outbreak of, J. M. Dawson ... 182
——, Prevention and treatment of by serum from adult dogs (Plantureux, E.) [Abs.] 60
——, Virus: An American claim 243
Docking of Horses (Prohibition) Bill ... 161
—— of the horse's tail, R. Glave Saunders 502, 560
W. A. Campbell 528
F. Beckett 560
J. P. Pickering 662
Dog, A twenty-seven-year-old 22
Dogs as paratyphoid carriers 478
Drugs, dangerous, World requirements of 51
Dysentery from milk: Sonne type infection 731

East African research: Centralisation proposed 224
—— Coast fever: Its transmission by ticks in Kenya Colony (Fotheringham, W., and Lewis, E. A.) [Abs.] ... 611
Eczema in the dog, Some physiological abnormalities in certain forms of (Martin, A., Brizard, A., and Florio, R.) [Abs.] 791
EDITORIALS:
A specious plea of dignity 93
Agriculture Act, The—Consultation resumed 123
Agriculture Act, The—Continued efforts at co-operation 61
An Advisory Committee on veterinary matters overseas 575
An Animal Health Service 363
Artificial insemination 35
Association, The, and the Colonial Office 151
Aujeszky's disease 762
Bovine contagious abortion 732
Centralised Veterinary Service—Amended conditions for the transfer of officers 151
—— —— —— and consultation ... 15
—— —— ——: consultation resumed ... 123
—— —— ——: Employment of part-time officers in the 229
—— —— —— in being 417
Chief veterinary officers 679
Country practitioner and the future, The 35
Fees for part-time work under the Agriculture Act 334
First Head of the Animal Health Division, The 539

PAGE

EDITORIALS:
Foot-and-mouth disease 267
Greyhound racing 333
Identification of tuberculin tested cattle, The 539
Mortality among young stock 93
"National" and Divisional membership: a progressive step 297
Over two thousand strong 493
Poultry report, The 190
Rationalism or irrationalism 190
Report of the Poultry Technical Committee for Great Britain 511
Results of true consultation 387
Rôle of the vitamins, The 788
Sheep disease control 613
Veterinary jurisprudence 469
Veterinary officer and meat inspection in England, The 649
Embryotomy, A simple instrument for sawing in (Henning) [Abs.] 220
Encephalitis, Equine: Action taken by the National Horse Association 141
Encephalomyelitis, equine, Clinical notes on the last outbreak of in the Argentine (Quevedo, J. M.) [Abs.] 336
Enterohepatitis or "blackhead" in chickens, A note on the occurrence of (Roberts, F. H. S.) [Abs.] 413
Epidemiology (Robinson, E. M.) [Abs.] ... 569
Epilogue, An: The late Kenelm Hewlett (Indian Civil Veterinary Department, Late Principal, Bombay Veterinary College) 58
EXAMINATIONS:
Liverpool Degree of B.V.Sc. 401
R.C.V.S. Fellowship 206
R.C.V.S. Membership:—
December, 1937 ... 12
May and June, 1938 ... 658, 690, 739, 768
University of London Degree of B.Sc. (Veterinary Science) 243, 452
"Farmer's Guide to Agricultural Research in 1936" (*J. R. A. S. E.*) [Rev.] ... 186
Farming, Lessons for British [Annot.] ... 147
Farriers, Shortage of 23
Farriery, An Irish 793
Fasciola, Featuring 477
"Fertility and Animal Breeding" (*M. of Agr. Bull.* No. 39) [Rev.] 129
Fluorine metabolism in rats and bovines (du Toit, P. J., Smuts, D. B., and Malan, A. I.) [Abs.] 506
Foal mortality, W. W. Lang 77
W. C. Miller 79
FOOT-AND-MOUTH DISEASE [Edit.] 267
—— —— areas, Routine inspection in ... 159
W. T. MacGregor ... 212
—— ——: Compensation costs 72
—— ——: Debates in Parliament ... 369, 428
—— —— —— in the goat, Clinical picture of (Horeker) [Abs.] 507
—— ——: Ministry of Agriculture memorandum 254
—— —— on the Continent 21, 42, 72, 163, 208
Outbreaks and Orders ... 21, 42, 72, 104, 135, 208, 242, 280, 428, 449, 476, 612
——: Prayer for deliverance 136
——: *re* questions in the House 242
—— slaughter policy, Farmers' Union and the 104
—— —— research, Extension of scope of 262
—— lameness in the horse, Obscure: probable cause and operative treatment, V. Berwyn Jones ... 676
Fowl leukaemia and vitamin E (Butler, W. J., and Warren, D. M.) [Abs.] ... 790

PAGE

Fracture, femoral, An uncommon, J. E. Barnes 772
Fractured pelvis in a mare, J. Ewing Johnston 410
Foot-rot in sheep [Annot.], F. C. Minett 464
Fowl, The structure of the (O. Charnock Bradley) [Rev.] 363
Foxes, silver, Some diseases of, C. V. Watkins 481
Future of farriery 768

Gaigeria pachyscelis, Raill. and Henry, 1910: a hook-worm parasite of sheep and goats, Observations on the morphology and life-history of (Ortlepp, R. J.) [Abs.] 508
Gastric secretion of the horse, Examination of the (Fooy, J. P.) [Abs.] 13
Gastritis, Parasitic. The transference of the causative Helminth from sheep to cattle (Taylor, E. L.) [Abs.] 272
Genetics, Seventh International Congress of 478
Gestation, Prolonged, W. A. Austin ... 456
G-streptococcus infection of bitches, C. S. Haselden 282
Granulotherapy. (Intravenous injections of charcoal). (Liegeois, F., and Terache, P.) [Abs.] 792
"Grass sickness," Aetiology of 526
Grazing of sheep on improved pastures, The: its effect on superfine wool (Ross, I. C., Graham, N. P. H., Turner, Helen N., Carter, H. B., and Munz, H.) [Abs.] ... 36
Greyhound racing [Edit.] 333
—— ——, The popularity of 328
Greyhounds, Some observations on the more common diseases of, S. F. J. Hodgman 315

Haematoma in the pregnant womb of a cow, causing dystokia, E. G. Conisbee 535
Haemorrhage from buccal mucosa, R. R. Pierse 146
Hall Maurice C., An appreciation of the late, E. L. Taylor 659
Heart failure in pigs, Aetiology of (Pallaske, G.) [Abs.] 442
Helminth diseases of horses, The fight against the chief (Skriabine, K. L., and Schulz, R. E.) [Abs.] 766
Herpes in the horse as the cause of skin disease in man (Hermansson, K. A.) [Abs.] 13
Hexamine in animals with alkaline urine (Steinmetzer, K., and Gudera, R.) [Abs.] 490
Hewlett, Kenelm, The late (Indian Civil Veterinary Department, Late Principal, Bombay Veterinary College) 58
Histoire de la Médecine Vétérinaire (E. Leclainche) [Essay-Rev.], J. T. E. ... 51
A. T. Crowther 136
Horse ambulance, An ingenious type of ... 240
—— Owner's Reference Book, The [Rev.] 492
—— parade, London cart 741
—— ——, London van 500
—— sickness,' Investigations into the transmission of, at Onderstepoort during 1932-1933 (Nieschultz, O., and du Toit, R. M.) [Abs.] ... 610
—— show achievements, Mr. R. C. Irving's 345
Horsemastership and scouting: Empire competition 629
Horses, Disposal of Army 637
Humane treatment of animals 498
Hunters' Improvement and Light Horse Breeding Society 244, 364, 628

PAGE

Hunterian Oration, The (Sir Frederick Hobday) 310
Hunting and fences for attested herds ... 105
Hysteria, canine, Aetiology of, Tom Hare 348

Identification of domesticated animals, Methods employed for the, A. H. Hunter 529
—— —— tuberculin tested cattle, The [Edit.] 539
Improvements of pastures and rotational grazing, The influence of on parasitism, body weight, and fleece production in cross-bred sheep in Tasmania (Clunies Ross, I., Chamberlin, W. E., and Turner, Helen.) [Abs.] 506
India, Development of the cattle and dairy industries of (Norman C. Wright) [Rep.], G. K. W. 293
"Independent criticism" 103
Indian Science Congress: Sir Frederick Hobday honoured 163
Infection of man from domestic animals (Rimpau, W.) [Abs.] 185
Influenza prophylaxis 220
Insemination, artificial ... 34, 35 [Edit.]
H. A. Reid 108
W. A. Smith 108
—— ——, Observations on the employment of, as applied to British livestock breeding, W. C. Miller 25
"Inspector" or "Officer," H. A. Idenden 430
Internal parasites of pigs [Annot.], J. N. Oldham 679
International Veterinary Congress, Thirteenth, J. B. Buxton and P. J. Simpson 375
P. J. Simpson 630
—— —— ——, Provisional list of subjects and reporters, and arrangements 153
—— —— ——: Suggested itineraries ... 424
Iso-amyl-ortho cresol: A new anthelmintic (Stewart, M. A.) [Abs.] 290

Johne's disease, The diagnosis of (Lang) [Abs.] 362
Jones, Captain Adrian, famous sculptor of horses, Death of 131
Journal of Comparative Pathology and Therapeutics (Jubilee Number: Sir John M'Fadyean *Festschrift*) 573
Jurisprudence, Veterinary, E. W. Little ... 457
[Edit.] 469

Kelland, Sir John: Appointment as Chief Veterinary Officer, Ministry of Agriculture and Fisheries 70
—— ——: Retirement of 445
Keratitis, suppurative, A treatment of (Adler, D. A.) [Abs.] 37

Laboratory and clinical investigations on tuberculin purified protein derivative (P. P. D.) and old tuberculin (O.T.), A. T. Doig, G. Gemmill, G. Gregory Kane, F. V. Lingwood, H. J. Parish, and J. S. Westwater 637
—— examination of specimens for veterinary practitioners 206
Lachrymal duct, Diseases of the, and their treatment (Bolle, W.) [Abs.] 221
Lactation in the bitch, unwanted, Removal of with oestrone (Witzigmann) [Abs.] ... 492
Laryngo-enteritis, Infectious: A new serious disease of cats in Germany (Krembs and Siefried) [Abs.] 99
Lead poisoning, Chronic, R. R. Pierse ... 145
Leclainche's Veterinary History [Essay-Rev.], J. T. E. 51

PAGE

LEGAL NOTES:
Admission refused to inspector ... 164
"An extraordinary veterinary establishment" 207
Anthrax: Failure to notify 374
Anthrax Order contravened 207
Ban for life on keeping dog 280
Bournemouth typhoid outbreak: Damages against dairy 627
Cattle Order contravention 72
Cattle subsidy: Fraud by Certifying Officer 477
Claim against Medical Defence Union ... 451
Cruelty to a cow 73
Death of lambs: action against veterinary surgeon 308
Disqualified for life from keeping dogs 401
Farmer and slaughtered fined 769
Fined after running over dog 586
Foot-and-mouth disease notification ... 164
Foot-and-mouth disease prosecution fails 104
Horse's "unnecessary suffering" ... 523
Licensing of Bulls Act offence 741
Neglected cattle 400
Proprietor of animal clinic sued ... 242
R.C.V.S. prosecution 428
Sale of a bull: claim for breach of conditional warranty 208
Successful milk case defence 586
Transit of Animals Order Contravened 105
Tuberculous cow from an accredited herd 769
Working a lame horse 694
Leucosis, bovine, in East Prussia, The aetiology of (Czymoch, O.) [Abs.] ... 538
Leptospirosis in Glasgow Tripe-workers (Stuart, R. D.) [Abs.] 765
Licences, Accredited, G. Mayall 743
Lingard, Dr. Alfred, Death of 308
Linguatula serrata (Frohlich, 1789), A note on the occurrence of in Australia (Pullar, E. M.) [Abs.] 290
Lions, Disease in (anthrax, ascariasis, diaphragmatic diverficula) (Wirth, D.) [Abs.] 60
Liverpool's veterinary services 452
Livestock, Winter census of 210
Long distance ride 770
Lung-worm infestation in sheep, Studies on the effect of a diet deficient in vitamin A on (Shaw, J. N.) [Abs.] ... 490
Lymph glands of the guinea-pig, The (Winklemann, H.) [Abs.] 538
Lymphatic system of the pig, The, with special reference to meat inspection (Egehøj, J.) [Abs.] 123

M'Fadyean, Sir John, *Festschrift*, The (*J. Comp. Path. and Therap.* Jubilee Number) 573, 586, 659
"Mad-itch" in cattle, Suspected, F. T. Harvey and J. Reid 268
Magnesium and calcium content of hedgehog serum during hibernation (Suomalainen, P.) [Abs.] 611
Mange in animals, Rational treatment of (Demianovitch) [Abs.] 491
——, Nascent sulphur in, F. T. Harvey 565
G. H. Livesey 631
"Manual of Horsemastership" (H.M. Stationery Office Publication) [Rev.] ... 768
Marking of animals under veterinary police regulations, The (I. Flückiger; II.—Marczewski, M.) [Abs.] 537
Marsh, The late Mr. Ernest, D. J. A. ... 476

PAGE

Mastitis, bovine, and milk yield (White, G. C., Anderson, E. O., Johnson, R. E., Plastridge, W. N., and Weirether, F. J.) [Abs.] 677
——, ——, in Austria, Control of (Diernhofer, K.) [Abs.] 442
——, contagious bovine, Entozon and acriflavine for the treatment of chronic, A. W. Stableforth and N. J. Scorgie 663
Meat inspection, Fifty years' progress in, T. Dunlop Young 627
—— —— and the veterinary profession, A. B. Mattinson 23
H. W. Steele-Bodger ... 24
—— —— in England, The veterinary officer and [Edit.] 649
——, —— of: Position of veterinary surgeons in 624
—— ——, The lymphatic system of the pig, with special reference to (Egehøj, J.) [Abs.] 123
Medical education and registration ... 695
Melophagus ovinus (Linnaeus, 1758) infesting a calf (Pullar, E. M.) [Abs.] 291
Methods employed for the identification of domesticated animals, A. H. Hunter ... 529
Milk 588
—— fat standards criticised 610
—— for school children, Skimmed ... 501
——, Grading system for samples of non-designated 21
——, Improving winter 247
—— Industry Bill 524
—— —— ——: A Scottish conference ... 587
—— legislation: Amendment Orders ... 104
—— pasteurization, Compulsory 281
—— —— of, G. S. Wilson 525
——, Phosphatase test for safe 246
—— production, Modern (Min. Agric. Bull. No. 52) [Rev.] 612
—— problem, The 227
—— record, New 589
——, Safeguarding Sydney's 139
Mineral deficiency affecting farm animals 489
—— requirements of cattle in North-East India, Studies on the (Carberry, M., Chatterjee, L., and Talapatra, S. K.) [Abs.] 386
Ministry of Agriculture, "Animal Health Division" of the 372
—— ——, Changes at the, ... 522
—— ——: Heads of Divisions 558
—— —— (*See also State Veterinary Service*).
Ministry's panels, The, G. C. Lancaster 697
Hugh P. Hogben 744, 799
J. F. D. Tutt 770
Molybdenum, Action of in nutrition of milking cows 502
Mortality among young stock [Edit.] ... 93
W. A. Campbell 136
Mouldy corn poisoning in horses (Schwarte, L. H.) [Abs.] 506
Much granules (Groh) [Abs.] 647
Myoglobinuria and piroplasmosis of the horse (Auger, L., and Basset, J.) [Abs.] 184
—— of the horse, The pathogenesis and treatment of (Urbain, G.) [Abs.] 184
——, The pathogenesis of (Brion, A.) [Abs.] 184
Myxomatosis, rabbit, The specificity of the virus of (Bull, L. B., and Dickenson, C. G.) [Abs.] 492

Naganol solution, The preparation of, E. F. Peck 436
"National" and Divisional membership: A progressive step [Edit.] 297

PAGE

National Horse Association ... 209, 628
National Pony Society 244, 629
NATIONAL VETERINARY BENEVOLENT AND MUTUAL DEFENCE SOCIETY:
Annual meeting 494
NATIONAL VETERINARY MEDICAL ASSOCIATION OF GREAT BRITAIN AND IRELAND:
—— ——: Advisory Committee on veterinary matters overseas [Edit.] 575
—— ——: Annual Congress of the Association, The, Donald Campbell (President) 429
—— Congress, Glasgow: Provisional programme 343
—— ——, The valley of the, Iain F. Anderson 566
—— —— *Council*: Quarterly meetings 192, 542
—— —— Special meetings ... 83, 388
—— —— *Divisional Meetings*:
Central 62, 276, 337, 495, 653
Eastern Counties ... ... 584 (annual)
Lancashire 40, 512, 517
Lincolnshire ... ... 100, 655 (annual)
Midland Counties ... ... 794 (annual)
Mid-West 448
North Midland ... ... 306 (annual)
North of England ... ... 130, 471 (annual)
North of Ireland ... ... 365, 396 (annual)
North Wales 339, 621
Royal Counties ... 298 (annual and dinner)
Society of Veterinary Practitioners ... 576
Southern Counties 16
Sussex 686
V.M.A. of Ireland ... 159, 474, 517 (annual)
Western Counties 187
Yorkshire 418
—— membership, Notable increase in ... 51
—— motor and personal accident insurance schemes 73
——, Overseas members of the 372
—— President's New Year message to members 1
Navicular disease, The X-ray diagnosis of (Dunemann, H.) [Abs.] 127
Nematode genus *Cooperia* in cattle and sheep, Notes on the, H. A. Baylis ... 283
Nephrectomy, Three canine cases necessitating, C. R. A. Powell 57
Nephritis in dogs, A clinical and pathological study of (Bloom, F.) [Abs.] ... 678
Nutrition, Assessments of [Annot.], J. Stewart 412
——, ruminant, Cobalt and copper in, Hedley R. Marston, E. W. Lines, R. Grenfell Thomas, and I. W. McDonald 503

Oat hay poisoning, Further observations on (Thorp, F., Jr.) [Abs.] 507
Oesophageal obstruction in a Scottish terrier, Connie M. Ford 329
Olver, Sir Arthur, Retirement of: Tribute to his work in India 687
Osteo-sarcoma, H. Kirk 383
Over two thousand strong [Edit.] ... 493
Ox, Anatomy of the 508

Papilloma, diffuse, in the oesophagus of a cow, G. O. Davies 34
Paralysis, posterior, in riding horses (Heizmann) [Abs.] 467
Parasites of chickens, external, Sulphur in the control of (Emmel, M. W.) [Abs.] ... 291
Parasitic gastro-enteritis of calves (Baker, D. W.) [Abs.] 290
Parasitology, veterinary, The logical approach of to obscure disease problems, E. L. Taylor 434

PAGE

Paratuberculosis in sheep, The occurrence of (Dieter, R.) [Abs.] 610
Part-time officers, Employment of in the State Veterinary Service [Edit.] ... 229
Pathology, Comparative, Fourth International Congress of 340
Penetrating wound of the abdominal wall in a gilt, with descent of omentum, A, E. G. Conisbee 536
PERSONAL:
Appointments—
—— *Colonial*—
Aitken, W. S. 71
Carmichael, J. 71
Gambles, R. M. 585
Simmons, R. J. 71
—— *Ministry of Agriculture*—
Principal Staff Appointments:
Cabot, D. A. E. 70, 445
Douglas, A. 70
Kelland, Sir John 70
Lloyd, E. C. 70
Rabagliati, D. S. 70
Simpson, R. 70
Wragg, W. G. 70
Additional staff appointments: superintending inspectors 177
Divisional inspectors 263, 522
—— *Other*—
Doherty, Lieut.-Colonel A. G. ... 475
O'Connell, J. L. 279
Rainey, J. Wakefield 279
Ware, F. 687
Births—
Bowen, J. N. 21
Campbell, A. D. 626
Coleman, I. R. R. 41
Gunning, O. V. 241
Mather, A. 585
McLauchlan, J. D. 428
Spreull, A., jun. 659
Steele, A. P. 795
Trevor, S. Ll. 134
Elections to Public Bodies, as Justice of the Peace, etc.—
McConnell, H. 207
Olver, Captain W. Tempest 475
Scott-Bowden, Lieut.-Colonel J. ... 475
Honours—
Brook, Dr. G. B. (Election, F.R.S.E.) 372
Hobday, Sir Frederick (Hon. Life Membership, Indian Science Congress) 163
—— (King's birthday): Henderson, W. W. 740
Turner, A. W. 740
Forthcoming Marriages—
Dalzell, J. L. (Capt. R.A.V.C.)—Russell, M. E. 279
Harrow, W. T.—Moreton, L. J. ... 345
Hobson, G.—Robinson, D. 585
Hughes, D. L.—Sparks, M. A. 500
Marriages—
Gibson, A. G.—Gray, M. E. 585
Hughes, L. E.—Jones, E. 522
Halford, G. J. G.—Anderson, O. A. I. 740
Taylor, A. W.—Bradley, E. 475
Watkins, C. V.—Main, M. L. 626
Macmaster, D. B.—Jones, L. S. ... 71
Moffett, A. J.—Laing, I. M. 102
Taylor, J. A.—Munro, G. J. 522
Presentations—
Connochie, T. D. 307
Kerr, A. B. 241
McDougall, J. 428
Rabagliati, D. S. 279
Simpson, R. 207

PAGE

PERSONAL:
Retirements—
McDougall, J. 102
Olver, Sir Arthur 163, 687
Wills—
Fowle, W. 134
Howard, P. S. 522
Hunting, F. C. (Bequest to V.V.B.F.) 71
Manuel, J. B. 475
Peacey, E. 660
Pollard, J. 694
Phthisis, bovine: its incidence in North-East Scotland (Griffith, A. S., and Smith, J.) [Abs.] 646
"Picked-up nail" in the horse, Complications due to (Uberreiter, O.) [Abs.] ... 442
Pig, An unusual condition affecting the digestive organs of the, P. L. Shanks ... 356
——, The laboratory, H. E. Bywater ... 430
Pipetting machine, A multiple (Plastridge, W. N.) [Abs.] 734
Piroplasmosis in the domestic cat (McNeil, J.) [Abs.] 413
Pneumonia, Contagious equine: treatment with neosalvarsan (Steevenson, G. F.) [Abs.] 336
Poisoning, Acute arsenical, in fowls, W. K. Townson and R. F. Gordon 403
——, Chronic lead, R. R. Pierse 145
——, Mouldy corn, in horses (Schwarte, L. H. [Abs.] 507
—— of sheep with arsenic, The recent law case *re*, H. G. Bowes ... 430
I. Clunies Ross 455
—— with heavy metals and certain alkaloids, A new antidote for (Strzyzowski, C.) [Abs.] ... 149
——, Oat hay, Further observations on (Thorp, F., Jr.) [Abs.] 507
Pollard, Mr. John, Death of 372
Poultry breeding: The accredited stations scheme 245
——, disease of, N.V.M.A. resolutions *re* 521
—— Technical Committee for Great Britain, N.V.M.A., resolutions *re* proposals of the 521
—— —— ——, Recommendations of the 181
—— —— —— Report of the [Edits.] 190, 511
Practitioner, the country, and the future [Edit.] 35
Pregnancy in equines, Variation in the character of the fluorescence in the test for (Cuboni, E.) [Abs.] 791
—— in the mare, The early diagnosis of (Hennaux, H.) [Abs.] 36
——, Investigations into the biological diagnosis of (Sartoris, P.) [Abs.] 647
—— toxaemia, H. Dryerre 430
——, Two peculiar cases of, C. S. Haselden 441
Preliminary observations of an infection of dogs by Beta haemolytic streptococci, Tom Hare and R. M. Fry 213
Prescriptions, Illegible 14
Professional prospects: the menace of unqualified practice, A. M. McDonald 314
Prolapsed uterus in the cow: amputation under spinal anaesthesia, R. Swaby ... 568
Prontosil in veterinary practice, Notes on the use of, C. S. Haselden 439
Prostate, The canine, in relation to normal and abnormal testicular changes Zuckerman and McKeown) [Abs.] ... 678
Protection of Animals Act, 1911, T. Lishman 429
—— —— in Italy (F. Phillip) [Rev.] ... 571
Protein feeding, high, The effect of on milch cows (Sheshan, P. A.) [Abs.] ... 506
Psittacosis, Zoo attendant's death from ... 524

PAGE
Public health law, Consolidation of ... 72
D. J. Anthony 107

Question, A, G. Mayall 76
Quirke, Mr. T. F., Death of 188
An appreciation, A. C. A. 188

Rabies ("fixed" strain), The size of the virus of, by ultrafiltration analysis (Galloway, I. A., and Elford, W. J.) [Abs.] 384
—— vaccination, A nervous condition of dogs consequent upon (Mocsy, J. V.) [Abs.] 222
Radiology of the oesophagus in the horse (Hellmich) [Abs.] 507
Rancidity in Edible Fats (C. H. Lea) [Rev.] 737
Rationalism or irrationalism [Edit.] ... 190
Red-water, dystokia, retention of membranes, milk fever, metritis and convalescence in eight days, C. A. Keatinge 182
"Refresher courses" for part-time veterinary officers 372
Register of Veterinary Surgeons, 1938 [Rev.] 415
REPORTS:
Colonial, Dominion and Tropical—
Assam (Civil Veterinary Department, 1936-37), G. K. W. 337
Canada—Department of Agriculture (Veterinary-General, 1936-37), W. K. 100
Central Provinces and Berar (Civil Veterinary Department, 1936-37), G. K. W. 793
New Zealand (Department of Agriculture, 1936-37) [Administrative aspect], W. K. 186
[Disease aspect], J. S. 291
Northern Rhodesia (Veterinary Department, 1936) 650
Punjab (Civil Veterinary Department, 1936-37), G. K. W. 540
United Provinces, India (Civil Veterinary Department, 1936-37), G. K. W. 295
County and Municipal—
Birmingham (Veterinary Department, 1937) 623
Johannesburg: Report of the Director of Abattoir, Livestock Markets, Veterinary Services, Ice and Cold Storage Department, 1936-37, D. J. A. 364
Somerset (Chief Veterinary Officer, 1937) 572
Staffordshire (Chief Veterinary Officer, 1936) 152
Stoke-on-Trent (Veterinary Officer, 1937) 509
Other—
A report on an outbreak of food poisoning due to Salmonella, Type "Dublin" and conveyed by raw milk (Conybeare, E. T., and Thornton, L. H. D.), R. L. 736
Alan, Duke of Northumberland, Memorial Fund (1938), R. F. M. ... 414
Army Veterinary Service in India: Administration report for 1936-37, G. K. W. 56
British Health Services (Issued by Political and Economic Planning), J. McC. 447
Cancer Research Fund, Imperial: Thirty-fifth annual, E. G. W. ... 223
Development Commissioners (1936-37), J. C. W. 685

PAGE

REPORTS:
Other—
Development of the cattle and dairy industries of India (Norman C. Wright), G. K. W. 293
Imperial Veterinary Research Institute, Muktesar and Izatnagar, G. K. W. 767
Ministry of Agriculture and Fisheries: Proceedings under the Diseases of Animals Acts for the year 1936, A. W. S. 274
Special Consultative Committee, N.V.M.A., on Centralisation of Public Veterinary Services 3
University of London Animal Welfare Society: Eleventh annual 129
Research, F. W. Priestley 43
Reticulo-peritonitis due to foreign body in bovines, Diagnostic and surgical treatment of (Noesen, P.) [Abs.] 734
Rickets in cattle, The influence of variations in the dietary phosphorus and in the Ca: P ratio on the production of (Theiler, A., du Toit, P. J., and Malan, A. I.) [Abs.] 491
Rinderpest: An East African campaign ... 374
—— immunisation, Saponified vaccine for (Curasson) [Abs.] 413
Researches, Some recent, and their practical application, T. Dalling ... 561
Roaring in horses (Cannas, T.) [Abs.] ... 335
—— —— (Wester, T.) [Abs.] 385
R.A.V.C. annual dinner 796
Royal Agricultural Society's gold medal 477
—— COLLEGE OF VETERINARY SURGEONS:
Council—
—— Election Addresses 631
—— —— —— nominations ... 134, 206
—— —— —— results 694
—— ——, Quarterly meetings 230, 614
—— ——, Special meetings ... 239, 620
—— Fellowship 206
—— membership examinations: December, 1937 12
May and June, 1938 ... 658, 690, 739, 768
—— Register, 1938 [Rev.] 415
—— ——: Members' addresses required ... 428
——: Steel Memorial Medal award ... 206
ROYAL SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS:
—— —— —— clinics, Sir Robert Gower on 165
—— —— ——: R.C.V.S. President and colleagues at a staff luncheon ... 42
—— Veterinary Colleges (*See* Colleges, Veterinary).
Rupture of the posterior vena cava in a cavalry horse (Garbe, W.) [Abs.] ... 735
—— of the prepubic tendon, R. R. Pierse 144

Salmon migration tests 223
Salmonella enteritidis, A note on a variety of isolated from pigeons (Shirlaw, J. F., and Iyer, S. G.) [Abs.] 291
—— in dogs, The occurrence and importance of (Reichardt) [Abs.] ... 273
Salt as a therapeutic agent 799
—— starvation in camels, E. F. Peck ... 662
Sarcoma, Alveolar, in a ten-months bull calf, C. A. Keatinge 182
——, Osteogenic, in dogs (Bloom, F.) [Abs.] 222
Sarcomata, Multiple round-celled in a thoroughbred mare, J. F. Craig and G. O. Davies 270

PAGE

Sarcomatous neoplasia and the subcutaneous tuberculin test, Ernest Gray ... 644
Science and citizenship 56
Scott, Mr. William (Penrith), Death of 346, 373
Scurvy in the pig (Michalka, J.) [Abs.] 148
Sex disorders of the dog and their treatment, Some, R. C. G. Hancock 218
—— hormone therapy, W. C. Miller [Annot.] 287
Sheep, A peculiar disease of, H. G. Lamont 355
——, Braxy-like diseases of. I.—The mechanism of entero-toxaemia, with particular reference to *Cl. welchii* Type D, R. S. Roberts ... 591
—— disease control [Edit.] 613
—— —— problems, Some local, W. T. Rowlands 604
——, The diagnosis of the most important diseases of (Oppermann, G.) [Abs.] 184
—— tick pest 281
Sheep's brain, The dissection and study of the (James Wilkie) [Rev.] 150
Shire horse, The 165
Short wave therapy (Zschocke) [Abs.] ... 128
—— —— —— (Briton, N. W.) [Abs.] ... 791
—— —— —— in veterinary medicine (Huntersatz) [Abs.] 128
Silver foxes, Some diseases of, C. V. Watkins 481
—— ——, Diseases of, M. J. O'Driscoll ... 771
Society of Veterinary Practitioners, H. W. Steele-Bodger 589
—— —— ——, The Executive Committee of the: Its scope and functions, T. A. R. Chipperfield 527
Show societies, The leading 414
Sodium sulphanilyl sulphanilate and canine distemper, A. B. MacIntyre and R. F. Montgomerie 480
Soil, Deterioration of the World's ... 106
—— erosion, Problems of 247
Some reasons why the E. B. McLean racehorses headed the list of money winners in 1928, R. L. Humphrey 139
South African appointment, A 477
South-Eastern Agricultural College: New veterinary laboratory 398
Specious plea of dignity, A [Edit.] ... 93
Spirochaetosis, canine, Observations on in Connecticut (Jungherr, E.) [Abs.] ... 335
Staining of paraffin histological sections with a solution of azure-eosin, of Mayer, Some details of (Souza, P. R. de) [Abs.] 612
Stock improvement in Kenya 22
Stomatitis, traumatic—A drenching gun hazard (Pullar, E. M.) [Abs.] 37
Streptococci, Preliminary observations of an infection of dogs by Beta haemolytic, Tom Hare and R. M. Fry 213
Streptococcic infections in dogs. I.—"Acid milk," arthritis and post-vaccinal abscesses (Stafseth, H. J., Thompson, W. W., and Neu, Lisa) [Abs.] 185
Strongylosis, equine, Studies on the diagnosis of, with special reference to faecal and blood examination (Britton, J. W.) [Abs.] 13
Suet, A substitute for, S. F. J. Hodgman 286
Sulphanilamide in *Br. abortus* infection in animals, R. F. Montgomerie 380
Surgeon, The Diary of a (John Knyveton) [Ernest Gray] [Rev.] 337
Surgery, Text-book of experimental (T. Markowitz) [Rev.] 415
Sweetbread, What is? T. Lishman ... 590
H. E. Bywater 631
L. B. A. Grace 631

PAGE

Swine erysipelas, Mononucleosis in swine affected with (Egehøj) [Abs.] 60
—— fever, Histological diagnosis of (Salvalaglio, P.) [Abs.] 764
—— paratyphoid in Northern Ireland, P. L. Shanks and H. G. Lamont 249
Swineherds, The disease of 312

"Taglioni's grandson" (Peter Shiraeff) [Rev.] 129
Teratology of the bovine reproductive system, The (Fincher, M. G., and Williams, W. L.) [Abs.] 13
Tested cattle at shows 387
Tetanus, W. A. Smith 402
J. F. D. Tutt 455
Tetanus in a dog, D. R. Sahni 763
Theiler, Sir Arnold, A memorial number, E. J. P. 310
Things I would like to know, G. C. Lancaster 248
Trichinosis 347
Trichomonas disease of cattle: Observations in Northern Ireland, W. R. Kerr and H. G. Lamont 730
—— infection in a heifer and a brief review of abortion in bovines due to Trichomonas infection (Robinson, E. M.) [Abs.] ... 148
Trypanosomes in the blood of a cow suspected of anthrax (Schmid, F.) [Abs.] 570
Tubercle bacilli, Human pulmonary tuberculosis from bovine 245
—— ——, Types of in equine tuberculosis (Griffith, A. S.) [Abs.] 183
Tuberculin purified protein derivative (P.P.D.) and old tuberculin (O.T.), Laboratory and clinical investigations on, A. T. Doig, G. Gemmill, G. Gregory Kane, F. V. Lingwood, H. J. Parish and J. S. Westwater 637
—— test, Marking of cows reacting to the 281
—— ——, the intradermal, applied to pigs, Some observations on the (Hankin, T. H.) [Abs.] 646
—— ——, Sarcomatous neoplasia and the subcutaneous, Ernest Gray ... 644
—— tested cattle, The identification of [Edit.] 539
—— testing, Differentiation by, of infection in cattle due to the human, bovine and avian types of tubercle bacilli, R. Stenius 633
—— ——, Methods of, E. F. Peck ... 662
G. Mayall 698
G. S. Muir 771
J. C. Coleman 800
—— —— of ducks, K. D. Downham and J. A. J. Venn 432
—— tests in dairy herds, A brief survey of the results of some preliminary, H.-Birkett Allen 119
Francis A. Davidson ... 248
Tuberculosis, Alimentary, in calves (Schumann and Fritzsche) [Abs.] ... 646
——, Allergy and immunity in 245
——: An occasional cause of abortion in cattle (Canham, A. S.) [Abs.] ... 126
——, Bovine, and the value of routine herd inspections, F. A. Davidson 109, 212
—— in a goat, P. T. Begley 286
—— in cattle, control of: therapy and immunity (Schmidt) [Abs.] ... 537
—— in the pig by ingestion, Experimental (Hemmert-Halswick) [Abs.] ... 362
——, National Association for the Prevention of 14

PAGE

Tuberculosis Order of 1938 373
—— Pathogenesis and histogenesis of in the calf following oral administration of culture (Dobberstein and Wilmes) [Abs.] 273
—— udder, Detection of the cow suffering from, H. L. Torrance 116
Tuberculous cattle, Blood examination of (Thijn, J. W.) [Abs.] 537
Tumours, Debatable, in human and animal pathology (Harvey, W. F., Dawson, E. K., and Innes, J. R. M.) [Abs.] 149
—— in cattle, Some operations on (Möller-Sörensen, A.) [Abs.] 361
——, Melanotic, in dark-haired horses (Ajello, P.) [Abs.] 183
Typhoid: Report on the Croydon outbreak 247

Ultrafiltration and its application in the study of viruses (Galloway, I. A.) [Abs.] 506
Undulant fever, Treatment of with sulphanilamide compounds 244
United States Fellowship for veterinary student (Mr. H. B. Parry) 626
Urine, The rapid recognition of pathological substances in (Lipp) [Abs.] ... 273

Variation in the response of animals to drugs 587
Veterinarian who "made motoring possible" 37
Veterinarian's gallantry, A 307
Veterinary evidence, Conflicting, Wakefield Rainey 697
—— inspection in Northern Ireland, H. C. I. Kelly 365
—— jurisprudence, E. W. Little 457
[Edit.] 469
W. A. Smith 528
R. Swaby 528
—— matters overseas, An N.V.M.A. Advisory Committee on [Edit.] ... 575
—— officer and meat inspection in England, The [Edit.] 649
—— Pathology and Bacteriology (Gaiger and Davies—Second edition, Davies) [Rev.] 645
—— practice, Control of: projected new French law 346
—— profession, Meat inspection and the, A. B. Mattinson 23
H. W. Steele-Bodger ... 24
—— science, Agricultural rationalism and, W. C. Miller 167
A. J. Baxter 281
Wakefield Rainey ... 456
Veterinary Service, Centralised State:
—— ——: A specious plea of dignity [Edit.] 93
—— —— —— appointments 70, 177, 263, 522
—— —— —— and "consultation" [Edit.] 15
—— —— ——: Amended conditions for the transfer of officers [Edit.] 151
—— —— ——: Chief Veterinary Officer of (Mr. D. A. E. Cabot succeeds Sir John Kelland) 445
—— —— ——: Duties in the—the Minister's proposals 179
—— —— ——, Employment of part-time officers in the [Edit.] 229
—— —— —— in being [Edit.] 417
—— —— ——: Results of true consultation [Edit.] 387
—— —— ——: Sir John Kelland's retirement 445
—— —— ——: Special meetings of Council, N.V.M.A. *re* 83, 388

PAGE

VETERINARY SERVICE, CENTRALISED STATE:
—— —— ——: Superannuation rules ... 499
—— —— ——: The profession's view in 1928 400
—— Services, Public: Centralisation of, J. R. Baxter 76
J. Cochrane-Dyet ... 74
F. A. Davidson 211
T. F. Hall 23
J. W. Hall Masheter ... 23, 76
S. F. J. Hodgman ... 74
G. C. Lancaster 108
W. Philipson Moss ... 22
H. C. Swann 43
J. F. D. Tutt 75
—— —— and the Agriculture Act, 1937: A detailed reply to the letter received by the N.V.M.A. from the Minister of Agriculture on December 22nd, 1937 45
—— —— ——: Continued efforts at Co-operation [Edit.] 61
—— —— ——: Correspondence before the Consultative Committee, N.V.M.A. 96
—— ——: Meetings of the Consultative Committee, N.V.M.A. *re* 38, 94
—— ——: Special meeting of Council, N.V.M.A., *re* 83
—— ——: Report of Special Consultative Committee, N.V.M.A., *re* 3
—— surgery (Dollar) [Third edition, edited by J. J. O'Connor] [Rev.] 686
—— training in Germany 604
VICTORIA VETERINARY BENEVOLENT FUND:
—— Council meetings 224, 652
—— —— Ladies' Guild Dance (London) 134

PAGE

VICTORIA VETERINARY BENEVOLENT FUND:
—— ——, Mr. F. C. Hunting's bequest to the 71
Virus disease, A remedy for a 401
Viruses, Crystalline preparations of ... 228
——, The nature of 312
Vitamin E. [Annot.], W. R. Wooldridge 358
—— K 797
Vitamins, Biological standardisation of the (Katherine H. Coward) [Rev.] 792
——, The rôle of the [Edit.] 788
—— —— —— in animal nutrition: A brief survey, N. J. Scorgie ... 775
——, Their importance for man and animals (Albrecht, A.) [Abs.] ... 789
Vulva and vulvovaginal orifice and its relation to the genital health of the thoroughbred mare, The (Caslick, E. A.) [Abs.] 385
Vulvovaginitis of swine (Pullar, E. M., and Lerew, W. M.) [Abs.] 98

Ware, Frank: Appointment as Animal Husbandry Expert, Imperial Council of Agricultural Research, India 687
Weil's disease in the dog and fox (Rubarth, S.) [Abs.] 765
Wheat germ oil, The therapeutic rôle of in cattle practice, J. F. D. Tutt 375
Whelping case record and sequelae, A, E. G. Wood 285
Wild animals in captivity, Some considerations regarding the health of (Martinaglia, G.) [Abs.] 99

OBITUARY

R.C.V.S. OBITUARY

Brown, J., 626.
Crawford, Captain John ("Jock"), 163.
Dayer-Smith, Brevet-Colonel P. W., 307; Dier, J., 769.
Frood, J. L., 41, 102.
Gibb, A., 20; Gibson, G. E., 103; Graham, M., 346.
Hallilay, F., 41; Herratt, J., 103; Hewlett, K., 41, 58.
Hodder, Captain A., 103; Howard, P. S., 189, 241.
Jones, Captain Adrian, 131; Jones, J. R., 523.
Kerrigan, J., 71.
Laycock, H. R., 20; Le Sueur, A., 163; Littler, J., 740.
Manuel, J. B., 103.
New, A., 280.
Ogden, G. O., 450, 476.
Paterson, J., 769; Peacey, E., 103; Philip, Bailie Balfour, 41; Pollard, J., 372.
Quirke, T. F., 163.
Richardson, S. G. P. L., 346.
Scott, W. (Penrith), 346, 373.
Turner, H. A., 71.
Wilkinson, D. E., 558; Wordley, W., 428, 450.

GENERAL OBITUARY

Buckmaster, Professor G. A., 20.
Lingard, Dr. Alfred, 308.
Macqueen, Dr. A., 346; Marsh, Ernest, 476.
Penberthy, Mrs. Eleanor, 241.
Reynolds, Mrs. T. J., 476.
Sabouraud, Dr. R., 450.
Young, B., 558.

THE VETERINARY RECORD

Index to Authors: January to June, 1938

PAGE

ALLAN, H. BIRKETT.
A brief survey of the results of some preliminary tuberculin tests in dairy herds 119
ANDERSON, IAIN F.
The valley of the Congress 566
ANTHONY, D. J.
Consolidation of public health measures: committee's proposals affecting the profession 107
ASCOLI, E. W.
Amputation of the penis of a bullock 146
AUSTIN, W. A.
Prolonged gestation 455

BARNES, J. E.
An uncommon femoral fracture ... 772
BAXTER, A. J.
Agricultural rationalism and veterinary science 281
BAXTER, J. R.
Centralisation of public veterinary services 76
BAYLIS, H. A.
Notes on some species of the nematode genus *Cooperia* from cattle and sheep 283
BECKETT, F.
Docking of the horse's tail 559
BEGLEY, P. T.
Tuberculosis in a goat 286
BEVAN, LL. E. W.
Blood testing for abortus infection ... 559
BINNS, H. R.
Acaprin: premunition and sterilisation 661
BLACKWELL, W. E.
An unusual sequel to retention of the afterbirth in a dairy cow 121
BOWES, H. G.
The recent law case *re* poisoning of sheep with arsenic 430
BULLOCK, F.
Certification for export prior to examination: a warning 165
BUXTON, J. B.
Thirteenth International Veterinary Congress 375
BYWATER, H. E.
The laboratory pig 430
What is sweetbread? 631

CAMPBELL, DONALD.
President's New Year message to members, N.V.M.A. 1
The Annual Congress of the Association 428
CAMPBELL, W. A.
Docking the horse's tail 528
Mortality among young stock 136
The cow tail cutting case—some reflections 480

PAGE

CASSELLS, H. W.
A case series from general practice. I.—In the horse 349
CHAMBERS, F.
An unusual accident 410
CHIPPERFIELD, T. A. R.
The Executive Committee of the Society of Veterinary Practitioners: its scope and functions 527
COLEMAN, J. C.
Methods of tuberculin testing 800
COMMON, R. H.
Bovine contagious abortion. Part I.—Experiments with a new type of dead vaccine 717
Part II.—The relationship between plasma proteins and agglutination titre 727
CONISBEE, E. G.
A penetrating wound of the abdominal wall in a gilt with descent of omentum 536
Haematoma in the pregnant womb of a cow causing dystokia 535
CRAIG, J. F.
Multiple subcutaneous round-celled sarcomata in a thoroughbred mare ... 270
CROWTHER, A. T.
"History of Veterinary Science" ... 136

DALLING, T.
Some recent researches and their practical application 561
DAVIDSON, F. A.
Bovine tuberculosis and the value of routine herd inspections ... 109, 212
Centralisation of public veterinary services 211
Tuberculin testing in dairy herds ... 247
DAVIES, G. O.
Diffuse papilloma in the oesophagus of a cow 34
Multiple subcutaneous round-celled sarcomata in a thoroughbred mare ... 270
DAWSON, J. M.
The use of omnadin and tonophosphan in an outbreak of distemper in a fox hound kennels 183
DOIG, A. T.
Laboratory and clinical investigations on tuberculin purified protein derivative (P.P.D.) and old tuberculin (O.T.) 637
DOLAN, P. F.
Alleged contravention in Eire of the Veterinary Surgeons' Act of 1931 ... 589
DOWNHAM, K. D.
Tuberculin testing of ducks 431
DRYERRE, H.
Pregnancy toxaemia 430

PAGE

DUNKIN, G. W.
The Adrian Jones Statue Appeal Fund: Second Appeal 695
COCHRANE-DYET, J.
Centralisation of public veterinary services 74

EDWARDS, S. J.
Blood testing for abortus infection ... 212
FORD, Miss C. M.
Oesophageal obstruction in a Scottish terrier 329
FOSTER, A. N.
Dermoid cyst 733
FRY, R. M.
Preliminary observations of an infection of dogs by Beta haemolytic streptococci 213

GALLOWAY, I. A.
Aujeszky's disease 745
GLOVER, R. E.
An examination of pig sera for neutralising antibodies against the virus of Aujeszky's disease ("mad itch," "pseudo-rabies") 377
GORDON, R. F.
Acute arsenical poisoning in fowls ... 403
GRACE, L. B. A.
What is sweetbread? 631
GRAY, ERNEST.
Sarcomatous neoplasia and the subcutaneous tuberculin test 644
GYE, W. E.
Some recent work in experimental cancer research 404

HALL, T. F.
Centralisation of public veterinary services 23
HANCOCK, R. C. G.
Some sex disorders of the dog and their treatment 218
HARE, TOM.
Aetiology of canine hysteria 348
Preliminary observations of an infection of dogs by Beta haemolytic streptococci 213
HART, F. W.
Suspected Aujeszky's disease ("mad itch," "pseudo-rabies") in cattle ... 382
HARVEY, F. T.
Nascent sulphur in mange 565
Suspected "mad itch" in cattle ... 268
HASELDEN, C. S.
G-streptococcus infection of bitches ... 282
Notes on the use of prontosil in veterinary practice 439
Two peculiar cases of pregnancy ... 441
HODGMAN, S. F. J.
A substitute for suet 286
Centralisation of public veterinary services 74
Some observations on the more common diseases of greyhounds 315
HOGBEN, HUGH P.
The Ministry's panels 743, 799
HUMPHREY, R. L.
Some reasons why the E. B. McLean race-horses headed the list of money winners in 1928 139
HUNTER, A. H.
Methods employed for the identification of domesticated animals 529

PAGE

IDENDEN, H. A.
"Inspector" or "Officer" 430
IRONSIDE, W. J.
Blood testing for abortus infection: a simple method of collecting samples of blood 166

JOHNSTON, J. EWING.
Fractured pelvis in a mare 410
JONES, V. BERWYN.
Obscure foot lamenesses in the horse: probable cause and operative treatment 676

KEATINGE, C. A.
Alveolar sarcoma in a ten-months bull calf 182
Red-water, dystokia, retention of membranes, milk fever, metritis and convalescence in eight days 182
KELLY, H. C. I.
Veterinary inspection in Northern Ireland 365
KERR, W. R.
Bovine contagious abortion. Part I.—Experiments with a new type of dead vaccine 717
Part II.—The relation between plasma proteins and agglutination titre ... 727
Trichomonas disease of cattle: observations in Northern Ireland 730
KIRK, H.
A remarkable bone injury 220
Cardiac dilatation 122
Osteo-sarcoma 383

LAMBERT, R. H.
Septic condition in a Sealyham ... 744
LAMONT, H. G.
A peculiar disease of sheep 355
Swine paratyphoid in Northern Ireland 249
Trichomonas disease of cattle: observations in Northern Ireland 730
LANCASTER, G. C.
Centralisation of public veterinary services 108
Things I would like to know 248
LANG, W. W.
Foal mortality 77
LINES, E. W.
Cobalt and copper in ruminant nutrition 503
LISHMAN, T.
Protection of Animals Act, 1911 ... 429
What is sweetbread? 590
LITTLE, E. W.
Veterinary jurisprudence 457
LIVESEY, G. H.
Nascent sulphur in mange 631

McCORRY, P. A.
Suspected Aujeszky's disease ("pseudo-rabies"—"mad itch") 454
McDONALD, A. M.
A remarkable case of anasarca in a cow 328
Professional prospects: the menace of unqualified practice 314
McDONALD, I. W.
Cobalt and copper in ruminant nutrition 503
McEWEN, A. D.
The control of contagious abortion ... 699
The cost of controlling contagious abortion in a large self-contained herd 712
MACFARLANE, M. R.
Sloughing following injection of calcium borogluconate 282

MacGregor, W. T.
Routine inspection in fool-and-mouth disease areas 212
MacIntyre, A. B.
Sodium sulphanilyl sulphanilate and canine distemper 479
Marshall, R. S.
Colonial Veterinary Service conditions 590
Marston, Hedley R.
Cobalt and copper in ruminant nutrition 503
Masheter, J. W. Hall.
Centralisation of public veterinary services 23, 75
Mattinson, A. B.
Meat inspection and the veterinary profession 23
Mayall, G.
Accredited licences 743
A question 76
Methods of tuberculin testing 698
Miller, Wm. C.
Agricultural rationalism and veterinary science 167
Foal mortality (Addendum to Paper by W. W. Lang) 79
Observations on the employment of artificial insemination as applied to British livestock breeding 25
Sex hormone therapy (annotation) ... 287
Montgomerie, R. F.
Sodium sulphanilyl sulphanilate and canine distemper 479
Sulphanilamide in *Br. abortus* infection in animals 380
Morrow, J. W.
A case series from general practice. II.—In cattle 351
Moss, W. Philipson.
Centralisation of public veterinary services 22
Muir, G. S.
Methods of tuberculin testing 771

O'Driscoll, C.
Diseases of silver foxes 771
Oldham, J. N.
Internal parasites in pigs 679
Ottaway, C. W.
Anatomical nomenclature 771

Peck, E. F.
Methods of tuberculin testing 661
Salt starvation in camels 662
The preparation of Naganol solution ... 436
The relationship of salt starvation to contagious necrosis and lameness in camels (a preliminary note) 409
The use of mineral oil as a vehicle for oil of chenopodium in equines ... 505
Pickering, J. P.
Docking the horse's tail 662
Pierse, R. R.
Some cases of interest met with in practice: rupture of the prepubic tendon; chronic lead poisoning; haemorrhage from buccal mucosa 144
Powell, C. R. A.
Three canine cases necessitating nephrectomy 57
Priestley, F. W.
An attempt to demonstrate a labile antigen in *Br. abortus* 137
Research 43

Rainey, J. W.
Agricultural rationalism and veterinary science 456
Conflicting veterinary evidence ... 696
Reid, H. A.
Artificial insemination 108
Reid, J.
Suspected "mad itch" in cattle ... 268
Reynolds, E. Brayley.
The Adrian Jones Statue Appeal Fund: Second Appeal 695
Richardson, U. F.
Colonial veterinary organisation ... 313
Ritchie, A. Forbes.
A case series from general practice. III.—In the dog 353
Roberts, R. S.
Braxy-like diseases of sheep. I.—The mechanism of entero-toxaemia, with particular reference to *Cl. welchii* Type D 591
Ross, I. Clunies.
The recent law case *re* poisoning of sheep with arsenic 455
Ross, R. F.
Jubilee presentation to Professor Imrie 590
Rowlands, W. T.
Some local sheep disease problems ... 604

Sahni, D. R.
Tetanus in a dog 763
Saunders, R. Glave.
Docking of the horse's tail 560
Docking—some reflections 502
Scorgie, N. J.
Entozon and acriflavine for the treatment of chronic contagious bovine mastitis 663
The rôle of vitamins in animal nutrition: a brief survey 775
Shanks, P. L.
An unusual condition affecting the digestive organs of the pig 356
Swine paratyphoid in Northern Ireland 249
Simpson, P. J.
The Adrian Jones Statue Appeal Fund: Second Appeal 695
Thirteenth International Veterinary Congress 375, 630
Smith, W. A.
Artificial insemination 108
Tetanus 402
Treatment of canker in the horse's foot 528
Veterinary jurisprudence 528
Stableforth, A. W.
Entozon and acriflavine for the treatment of chronic, contagious bovine mastitis 663
Steele-Bodger, H. W.
Meat inspection and the veterinary profession 24
Society of Veterinary Practitioners ... 589
Stenius, R.
Differentiation by tuberculin testing of infection in cattle due to the human, bovine and avian types of tubercle bacilli 633
Swaby, R.
Prolapsed uterus in the cow: amputation under spinal anaesthesia ... 568
Veterinary jurisprudence 528
Swann, H. C.
Centralisation of public veterinary services 43

PAGE

TAYLOR, E. L.
The logical approach of veterinary parasitology to obscure disease problems 434

THOMAS, R. GRENFELL.
Cobalt and copper in ruminant nutrition 503

TORRANCE, H. L.
The detection of the cow suffering from udder tuberculosis 116

TUTT, J. F. D.
Blood testing for abortus infection 282, 590
Centralisation of public veterinary services 75
Sloughing following injection of calcium borogluconate 313
Tetanus 455
The therapeutic rôle of wheat germ oil in cattle practice 375
The Ministry's panels 770

PAGE

VENN, J. A. J.
Tuberculin testing of ducks 431

WALKER, G. K.
Royal College of Veterinary Surgeons: election of Council, 1938 744

WARE, F.
The Colonial Office appointment ... 211

WATKINS, C. V.
A correction 560
Some diseases of silver foxes 481

WEBSTER, W. M.
The late Dr. O. Charnock Bradley ... 429

WILLIAMS, Miss P. L.
"Miss Aleen Cust" Memorial Fund ... 660

WOOD, E. G.
A whelping case record and sequelae ... 285

WOODWARD, Miss O. B.
"Miss Aleen Cust" Memorial Fund ... 660